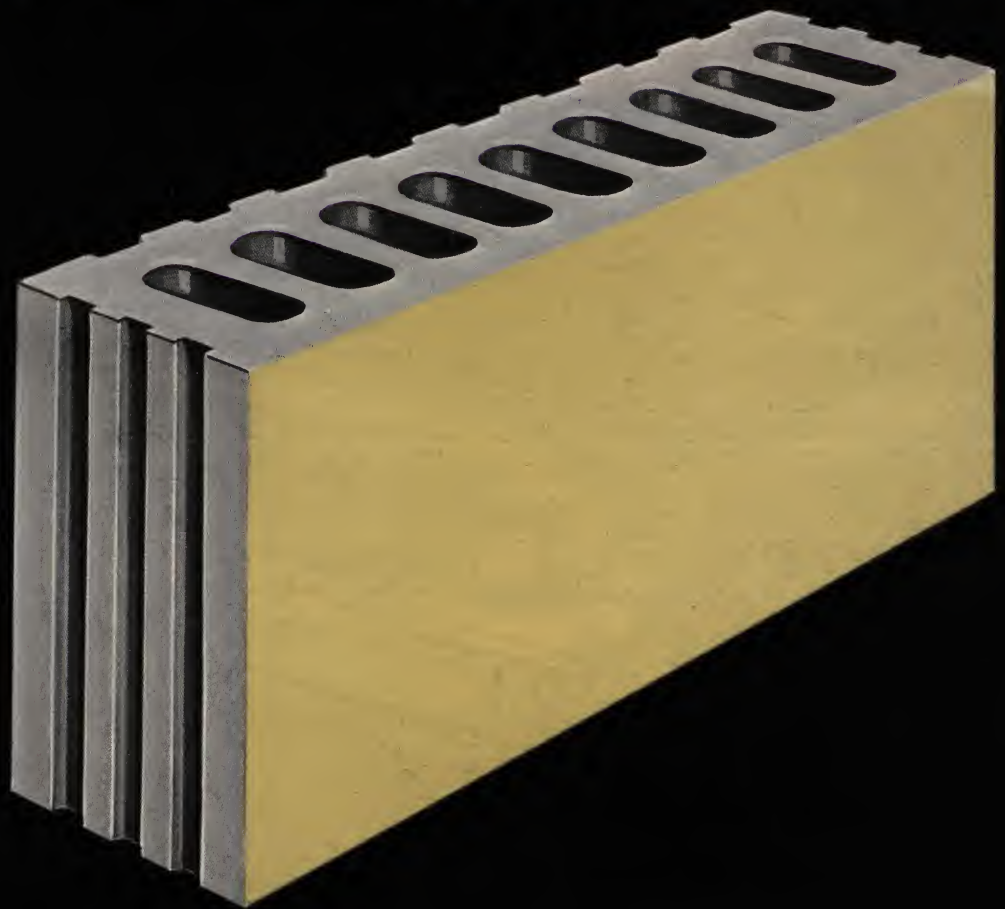
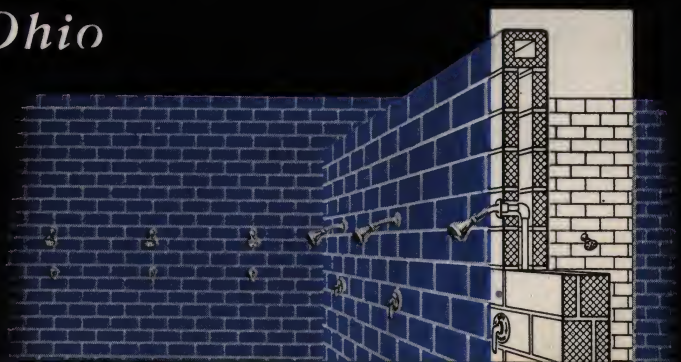


4f
St

STARK



STARK Ceramics, Inc.
Canton 1, Ohio



STARK ceramics

In 1910 when Stark Ceramics began operations they pioneered very extensively in the production of glazed ware. This same spirit of adventure has continued to dominate their endeavors for forty-five years to make them leaders in this industry.

Stark's management has been the same over the entire time and they have always kept a strong financial position.

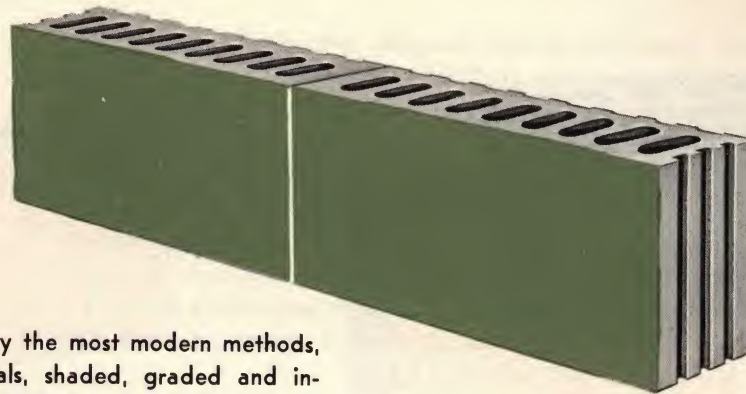
Stark conforms to the high standards of the Facing Tile Institute of which it is a charter member.



facilities

In 1910 Stark had one kiln, today it has 45 kilns and two modern and efficient plants along with a large capacity tunnel kiln presently under construction to better serve the growing demand for structural glazed facing tile.

Our skilled personnel with a heritage of fine quality, assures service on all projects either large or small.



finest material

Manufactured and glazed by the most modern methods, using the finest of materials, shaded, graded and inspected to rigid standards of high quality.

vertical core

Produced mainly in vertical core type to give better bond, easier and less costly cutting and good bed joints.

tests

Ceramic and 904 Glaze pass the ASTM autoclave, imperviousness, opacity, chemical resistance and absorption tests. All Stark units meet the load-bearing requirements of Federal, State and Municipal codes. Test data available upon request.

ground edge or gauged units

For stack bond we recommend the purchase of ground edge or gauged units to reduce the allowable variation in the face dimension of the units.

Specifications should be written to include this recommendation. See specifications on page 30 and 31.

modular sizes

Stark Glazed Facing Tile are made in modular sizes to give utmost dimensional co-ordination with the various building materials used. Thus effecting better buildings at lower cost, with simplified layout, elimination of waste of labor and materials and reduction of construction time.

shipping

Stark has a railroad switch line running the entire length of the shed into the plants for carload shipments and is equipped with ample truck docks for fast and efficient truck loading. All loading is done under roof thereby assuring dry loading in all types of weather.

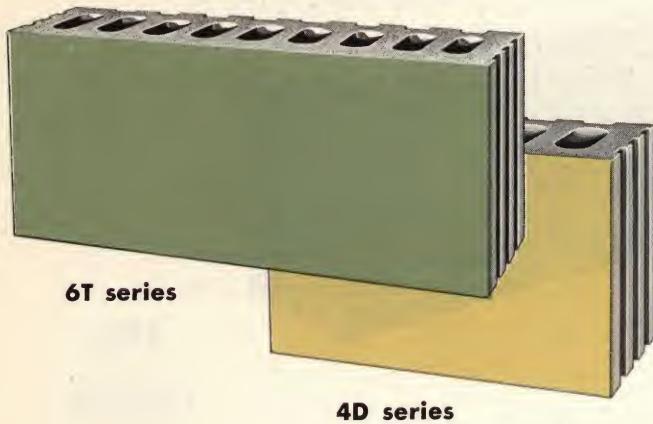
STARK's guarantee

Stark Ceramics, Inc. guarantees that any ware manufactured by it will conform to the quality standards, tolerances and grading rules established by the Facing Tile Institute. If it can be established within reasonable time, but in no event longer than one year, that any material does not conform to these standards, Stark Ceramics, Inc. will replace defective units. The measure of damage after ware has been installed will be the replacement of defective units without charge at the factory, but no charge for labor or other expenses required to

repair defective ware or damage occasioned by it will be allowed. This guarantee is expressly in lieu of all other guarantees and warranties expressed or implied and of all other obligations or liability on the manufacturer's part, and the manufacturer neither assumes nor authorizes any other person to assume for him any other liability in connection with the sale of his ware.

In no event will replacement of Off-Grades be made after installation. No replacement will be made of ware chipped on job or after installation.

products



6T series

4D series



904 clear glaze

ceramic color glaze

The finest type of glazed ware, impervious, opaque, resistant to acids, will not craze and with low absorption. Produced in the following shades and finishes.

Recommended for all interior usages where the finest quality, uniformly shaded and distinctively attractive colors are desired.

straight shade field colors

Shade 525—Coral	Shade 573—Blue
Shade 539—Ivory	Shade 578—Ocular Green
Shade 551—Sunlight Yellow	Shade 583—Tan
Shade 563—Light Grey	Shade 591—Light Green

mottled shade field colors

Shade 694—Green Mottled
Shade 665—Grey Mottled
Shade 680—Cream Mottled

straight shade trim colors

Shade 590—Black
Shade 580—Brown

sizes

6T series

nominal 5 $\frac{1}{8}$ " x 12" face

Produced in nominal bed depths of 4", 2", 6" and 8". The Tribic Series is designed for 3 courses in 16", vertically and 4 units in 48" horizontally.

Both sizes are designed for use upon modular or non-modular layouts and for new construction, remodeling or additions to existing structures.

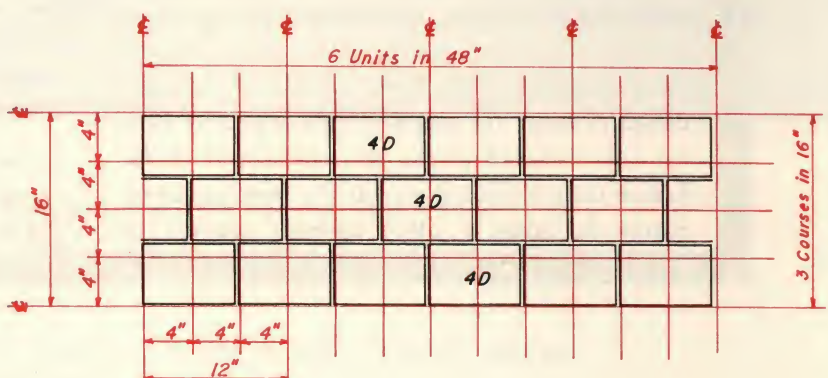
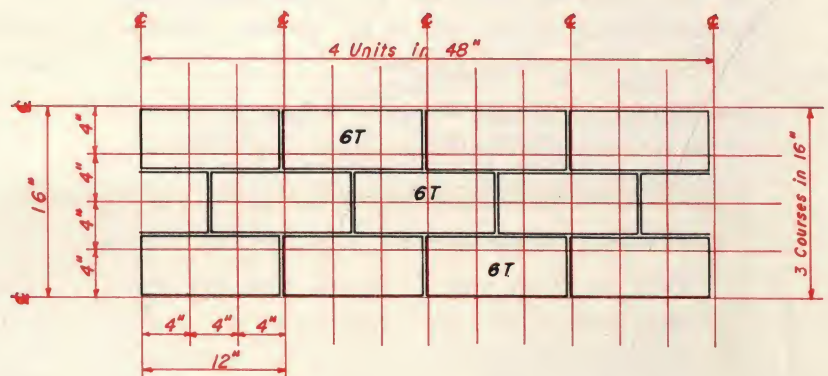
4D series

nominal 5 $\frac{1}{8}$ " x 8" face

Produced in nominal bed depths of 4", 2", 6" and 8". The Brictile Series is designed for 3 courses in 16", vertically and 6 units in 48", horizontally.

904 clear glaze

A smooth, lustrous cream shade in a tinted glaze that meets the requirements of most jobs. Lower in cost than Ceramic Color Glaze, with most of its advantages. We recommend this glaze for all jobs where a special color is not required. The maximum in quality with a minimum of cost, considering all its many advantages.



typical applications

Public Housing, Residential, Religious (Churches & Church Schools), Garages—Service Stations, Bank Buildings, Restaurants, Commercial Warehouses, Science Buildings, Libraries, Museums, Hospitals and Institutions, Post Offices, Armories, Jails and Penitentiaries, Zoos, Clubs and Lodges, Coke Processing Plants, Power Plants, Interior Swimming Pools, Agricultural, Food Processing Plants, Water and Sewage Disposal Plants, Theaters, Gymnasiums and Athletic Buildings, Social and Recreational Buildings, Rail-Air-Bus Terminals, Hotels and Motels, Dormitories, Parks and Playgrounds, Industrial, Brewery, Distilleries, etc., Health Centers, Creameries, YMCA, YWCA.

HOSPITALS

Molly Stark T-B Sanitarium
Canton, Ohio
Architect—Firestone, Frank, Motter and Associates
Contractor—Kintz Construction Co.

running bond 4D



vertical block bond 4D



Jr. High School #145
Jackson Heights, L. I.
Architect—Eric Kebbon
Contractor—Caristo Constr. Corp.

CAFETERIAS



CHURCHES

Chapel—St. John's Evangelical and Reformed
Strasburg, Ohio
Architect—Marr, Knapp, and Cawfis
Contractor—Dreher & Dreher

running bond 6T



horizontal block bond 4D



Lincoln Elementary School
Sterling, Illinois
Architect—Louis Kingscott
Contractor—Korman Constr. Co.

SCHOOLS



COMMERCIAL BUILDINGS

Plaza Lanes, Incorporated
Canton, Ohio
Contractor—Ferrell Construction Co.

running bond 6T

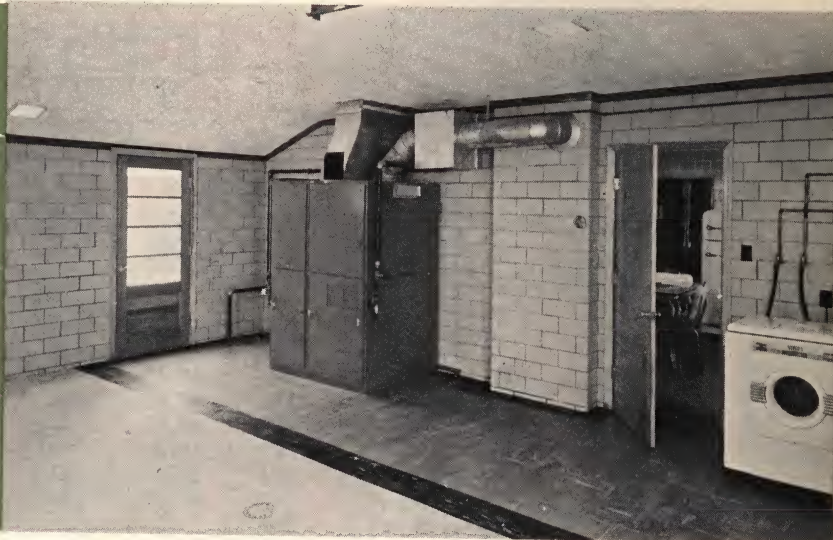


running bond 6T 




Gordon Residence
Moundsville, W. Va.
Architect—Harold E. Grubb

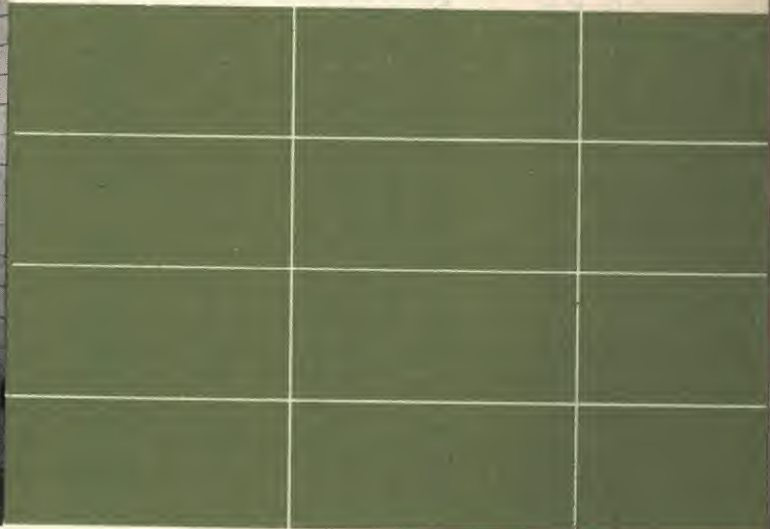
RESIDENTIAL BUILDINGS



VETERINARIAN HOSPITALS

Jensen Animal Hospital
Cleveland, Ohio
Owner—Dr. Harlan Jensen
Architect—E. B. Fisher, Jr.

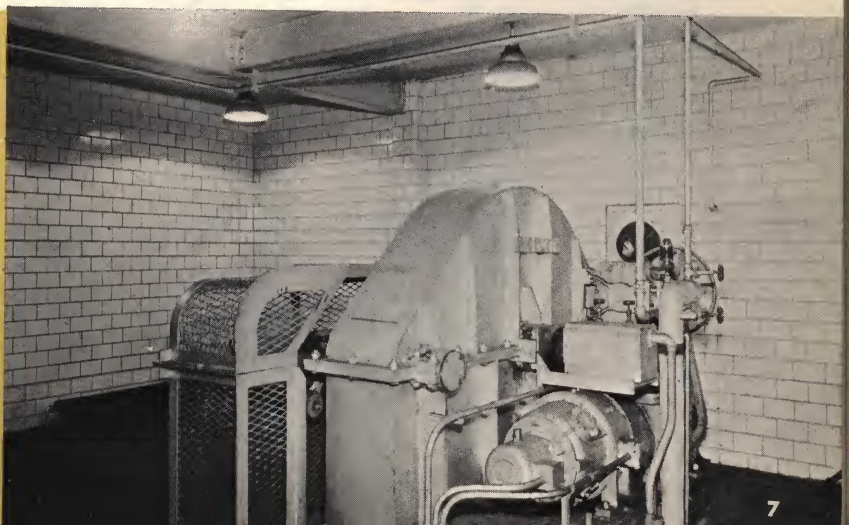
 **horizontal block bond 6T**



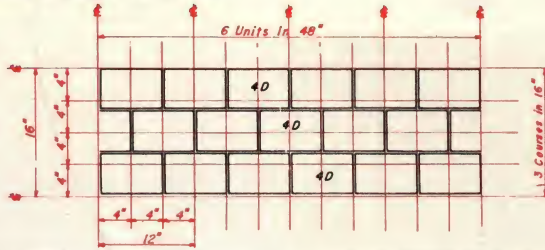
 **running bond 6T**

Courtesy of Willputte Coke Oven Division
New York City, New York

INDUSTRIAL BUILDINGS

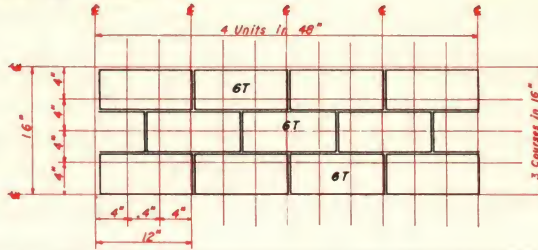


BRICKLE horizontal coursing table



Length Dim.	Units	Length Dim.	Units	Length Dim.	Units	Length Dim.	Units	Length Dim.	Units	Length Dim.	Units
4"	1/2	17' 0"	25 1/2	33' 8"	50 1/2	50' 4"	75 1/2	67' 0"	100 1/2	83' 8"	125 1/2
8"	1	17' 4"	26	34' 0"	51	50' 8"	76	67' 4"	101	84' 0"	126
1' 0"	1 1/2	17' 8"	26 1/2	34' 4"	51 1/2	51' 0"	76 1/2	67' 8"	101 1/2	84' 4"	126 1/2
1' 4"	2	18' 0"	27	34' 8"	52	51' 4"	77	68' 0"	102	84' 8"	127
1' 8"	2 1/2	18' 4"	27 1/2	35' 0"	52 1/2	51' 8"	77 1/2				
2' 0"	3	18' 8"	28	35' 4"	53	52' 0"	78	68' 4"	102 1/2	85' 0"	127 1/2
2' 4"	3 1/2	19' 0"	28 1/2	35' 8"	53 1/2			68' 8"	103	85' 4"	128
2' 8"	4	19' 4"	29	36' 0"	54	52' 4"	78 1/2	69' 0"	103 1/2	85' 8"	128 1/2
3' 0"	4 1/2	19' 8"	29 1/2			52' 8"	79	69' 4"	104	86' 0"	129
3' 4"	5	20' 0"	30	36' 4"	54 1/2	53' 0"	79 1/2	69' 8"	104 1/2	86' 4"	129 1/2
3' 8"	5 1/2			36' 8"	55	53' 4"	80	70' 0"	105	86' 8"	130
4' 0"	6	20' 4"	30 1/2	37' 0"	55 1/2	53' 8"	80 1/2	70' 4"	105 1/2	87' 0"	130 1/2
		20' 8"	31	37' 4"	56	54' 0"	81	70' 8"	106	87' 4"	131
4' 4"	6 1/2	21' 0"	31 1/2	37' 8"	56 1/2	54' 4"	81 1/2	71' 0"	106 1/2	87' 8"	131 1/2
4' 8"	7	21' 4"	32	38' 0"	57	54' 8"	82	71' 4"	107	88' 0"	132
		21' 8"	32 1/2	38' 4"	57 1/2	55' 0"	82 1/2	71' 8"	107 1/2		
5' 0"	7 1/2	22' 0"	33	38' 8"	58	55' 4"	83	72' 0"	108	88' 4"	132 1/2
5' 4"	8	22' 4"	33 1/2	39' 0"	58 1/2	55' 8"	83 1/2			88' 8"	133
5' 8"	8 1/2	22' 8"	34	39' 4"	59	56' 0"	84	72' 4"	108 1/2	89' 0"	133 1/2
6' 0"	9	23' 0"	34 1/2	39' 8"	59 1/2			72' 8"	109	89' 4"	134
6' 4"	9 1/2	23' 4"	35	40' 0"	60	56' 4"	84 1/2	73' 0"	109 1/2	89' 8"	134 1/2
6' 8"	10	23' 8"	35 1/2			56' 8"	85	73' 4"	110	90' 0"	135
7' 0"	10 1/2	24' 0"	36	40' 4"	60 1/2	57' 0"	85 1/2	73' 8"	110 1/2	90' 4"	135 1/2
7' 4"	11			40' 8"	61	57' 4"	86	74' 0"	111	90' 8"	136
7' 8"	11 1/2	24' 4"	36 1/2	41' 0"	61 1/2	57' 8"	86 1/2	74' 4"	111 1/2	91' 0"	136 1/2
8' 0"	12	24' 8"	37	41' 4"	62	58' 0"	87	74' 8"	112	91' 4"	137
		25' 0"	37 1/2	41' 8"	62 1/2	58' 4"	87 1/2	75' 0"	112 1/2	91' 8"	137 1/2
8' 4"	12 1/2	25' 4"	38	42' 0"	63	58' 8"	88	75' 4"	113	92' 0"	138
8' 8"	13	25' 8"	38 1/2	42' 4"	63 1/2	59' 0"	88 1/2	75' 8"	113 1/2		
9' 0"	13 1/2	26' 0"	39	42' 8"	64	59' 4"	89	76' 0"	114	92' 4"	138 1/2
9' 4"	14	26' 4"	39 1/2	43' 0"	64 1/2	59' 8"	89 1/2			92' 8"	139
9' 8"	14 1/2	26' 8"	40	43' 4"	65	60' 0"	90	76' 4"	114 1/2	93' 0"	139 1/2
10' 0"	15	27' 0"	40 1/2	43' 8"	65 1/2			76' 8"	115	93' 4"	140
10' 4"	15 1/2	27' 4"	41	44' 0"	66	60' 4"	90 1/2	77' 0"	115 1/2	93' 8"	140 1/2
10' 8"	16	27' 8"	41 1/2			60' 8"	91	77' 4"	116	94' 0"	141
11' 0"	16 1/2	28' 0"	42	44' 4"	66 1/2	61' 0"	91 1/2	77' 8"	116 1/2	94' 4"	141 1/2
11' 4"	17			44' 8"	67	61' 4"	92	78' 0"	117	94' 8"	142
11' 8"	17 1/2	28' 4"	42 1/2	45' 0"	67 1/2	61' 8"	92 1/2	78' 4"	117 1/2	95' 0"	142 1/2
12' 0"	18	28' 8"	43	45' 4"	68	62' 0"	93	78' 8"	118	95' 4"	143
		29' 0"	43 1/2	45' 8"	68 1/2	62' 4"	93 1/2	79' 0"	118 1/2	95' 8"	143 1/2
12' 4"	18 1/2	29' 4"	44	46' 0"	69	62' 8"	94	79' 4"	119	96' 0"	144
12' 8"	19	29' 8"	44 1/2	46' 4"	69 1/2	63' 0"	94 1/2	79' 8"	119 1/2		
13' 0"	19 1/2	30' 0"	45	46' 8"	70	63' 4"	95	80' 0"	120	96' 4"	144 1/2
13' 4"	20	30' 4"	45 1/2	47' 0"	70 1/2	63' 8"	95 1/2			96' 8"	145
13' 8"	20 1/2	30' 8"	46	47' 4"	71	64' 0"	96	80' 4"	120 1/2	97' 0"	145 1/2
14' 0"	21			47' 8"	71 1/2						
14' 4"	21 1/2	31' 0"	46 1/2	48' 0"	72	64' 4"	96 1/2	81' 0"	121 1/2	97' 4"	146
14' 8"	22	31' 4"	47			64' 8"	97	81' 4"	122	97' 8"	146 1/2
15' 0"	22 1/2	31' 8"	47 1/2	48' 4"	72 1/2	65' 0"	97 1/2	81' 8"	122 1/2	98' 0"	147
15' 4"	23	32' 0"	48	48' 8"	73	65' 4"	98	82' 0"	123	98' 4"	147 1/2
15' 8"	23 1/2			49' 0"	73 1/2	65' 8"	98 1/2	82' 4"	123 1/2	99' 0"	148 1/2
16' 0"	24	32' 4"	48 1/2	49' 4"	74	66' 0"	99	82' 8"	124	99' 4"	149
		32' 8"	49	49' 8"	74 1/2	66' 4"	99 1/2	83' 0"	124 1/2	99' 8"	149 1/2
16' 4"	24 1/2	33' 0"	49 1/2	50' 0"	75	66' 8"	100	83' 4"	125	100' 0"	150
16' 8"	25	33' 4"	50								

TRIBRIC horizontal coursing table

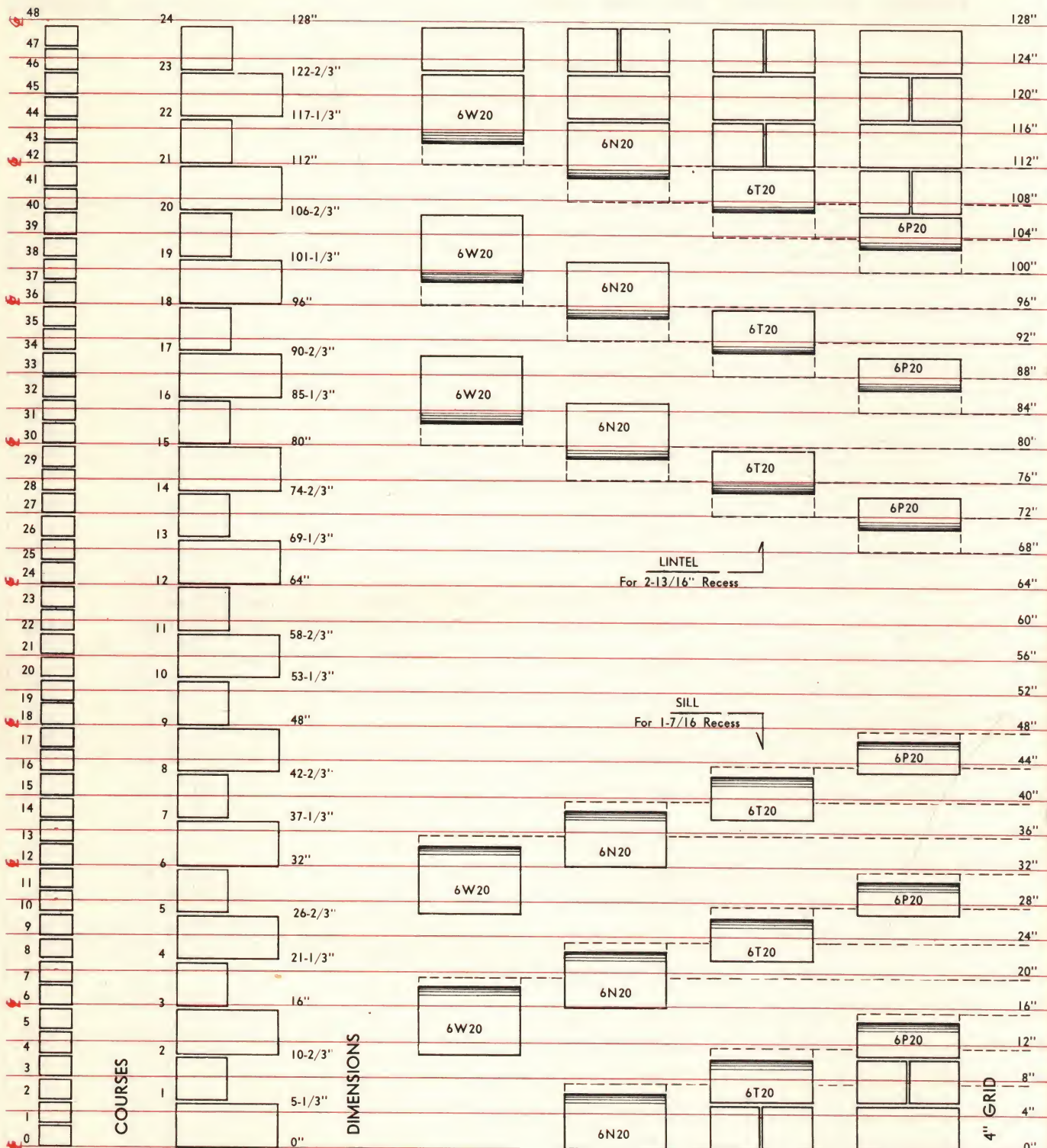


Length Dim.	Units	Length Dim.	Units	Length Dim.	Units	Length Dim.	Units
6"	1/2	25' 6"	25 1/2	50' 6"	50 1/2	75' 6"	75 1/2
1' 0"	1	26' 0"	26	51' 0"	51	76' 0"	76
1' 6"	1 1/2	26' 6"	26 1/2	51' 6"	51 1/2		
2' 0"	2	27' 0"	27	52' 0"	52	76' 6"	76 1/2
2' 6"	2 1/2	27' 6"	27 1/2			77' 0"	77
3' 0"	3	28' 0"	28	52' 6"	52 1/2	77' 6"	77 1/2
3' 6"	3 1/2			53' 0"	53	78' 0"	78
4' 0"	4	28' 6"	28 1/2	53' 6"	53 1/2	78' 6"	78 1/2
		29' 0"	29	54' 0"	54	79' 0"	79
4' 6"	4 1/2	29' 6"	29 1/2	54' 6"	54 1/2	79' 6"	79 1/2
5' 0"	5	30' 0"	30	55' 0"	55	80' 0"	80
5' 6"	5 1/2	30' 6"	30 1/2	55' 6"	55 1/2		
6' 0"	6	31' 0"	31	56' 0"	56	80' 6"	80 1/2
6' 6"	6 1/2	31' 6"	31 1/2			81' 0"	81
7' 0"	7	32' 0"	32	56' 6"	56 1/2	81' 6"	81 1/2
7' 6"	7 1/2			57' 0"	57	82' 0"	82
8' 0"	8	32' 6"	32 1/2	57' 6"	57 1/2	82' 6"	82 1/2
		33' 0"	33	58' 0"	58	83' 0"	83
8' 6"	8 1/2	33' 6"	33 1/2	58' 6"	58 1/2	83' 6"	83 1/2
9' 0"	9	34' 0"	34	59' 0"	59	84' 0"	84
9' 6"	9 1/2	34' 6"	34 1/2	59' 6"	59 1/2		
10' 0"	10	35' 0"	35	60' 0"	60	84' 6"	84 1/2
10' 6"	10 1/2	35' 6"	35 1/2			85' 0"	85
11' 0"	11	36' 0"	36	60' 6"	60 1/2	85' 6"	85 1/2
11' 6"	11 1/2			61' 0"	61	86' 0"	86
12' 0"	12	36' 6"	36 1/2	61' 6"	61 1/2	86' 6"	86 1/2
		37' 0"	37	62' 0"	62	87' 0"	87
12' 6"	12 1/2	37' 6"	37 1/2	62' 6"	62 1/2	87' 6"	87 1/2
13' 0"	13	38' 0"	38	63' 0"	63	88' 0"	88
13' 6"	13 1/2	38' 6"	38 1/2	63' 6"	63 1/2		
14' 0"	14	39' 0"	39	64' 0"	64	88' 6"	88 1/2
14' 6"	14 1/2	39' 6"	39 1/2			89' 0"	89
15' 0"	15	40' 0"	40	64' 6"	64 1/2	89' 6"	89 1/2
15' 6"	15 1/2			65' 0"	65	90' 0"	90
16' 0"	16	40' 6"	40 1/2	65' 6"	65 1/2	90' 6"	90 1/2
		41' 0"	41	66' 0"	66	91' 0"	91
16' 6"	16 1/2	41' 6"	41 1/2	66' 6"	66 1/2	91' 6"	91 1/2
17' 0"	17	42' 0"	42	67' 0"	67	92' 0"	92
17' 6"	17 1/2	42' 6"	42 1/2	67' 6"	67 1/2		
18' 0"	18	43' 0"	43	68' 0"	68	92' 6"	92 1/2
18' 6"	18 1/2	43' 6"	43 1/2			93' 0"	93
19' 0"	19	44' 0"	44	68' 6"	68 1/2	93' 6"	93 1/2
19' 6"	19 1/2			69' 0"	69	94' 0"	94
20' 0"	20	44' 6"	44 1/2	69' 6"	69 1/2	94' 6"	94 1/2
		45' 0"	45	70' 0"	70	95' 0"	95
20' 6"	20 1/2	45' 6"	45 1/2	70' 6"	70 1/2	95' 6"	95 1/2
21' 0"	21	46' 0"	46	71' 0"	71	96' 0"	96
21' 6"	21 1/2	46' 6"	46 1/2	71' 6"	71 1/2		
22' 0"	22	47' 0"	47	72' 0"	72	96' 6"	96 1/2
22' 6"	22 1/2	47' 6"	47 1/2			97' 0"	97
23' 0"	23	48' 0"	48	72' 6"	72 1/2	97' 6"	97 1/2
23' 6"	23 1/2			73' 0"	73	98' 0"	98
24' 0"	24	48' 6"	48 1/2	73' 6"	73 1/2	98' 6"	98 1/2
		49' 0"	49	74' 0"	74	99' 0"	99
24' 6"	24 1/2	49' 6"	49 1/2	74' 6"	74 1/2	99' 6"	99 1/2
25' 0"	25	50' 0"	50	75' 0"	75	100' 0"	100

NOTE: Vertical Coursing table shown on pages 10 and 11.

vertical coursing table

proper units for recessed openings



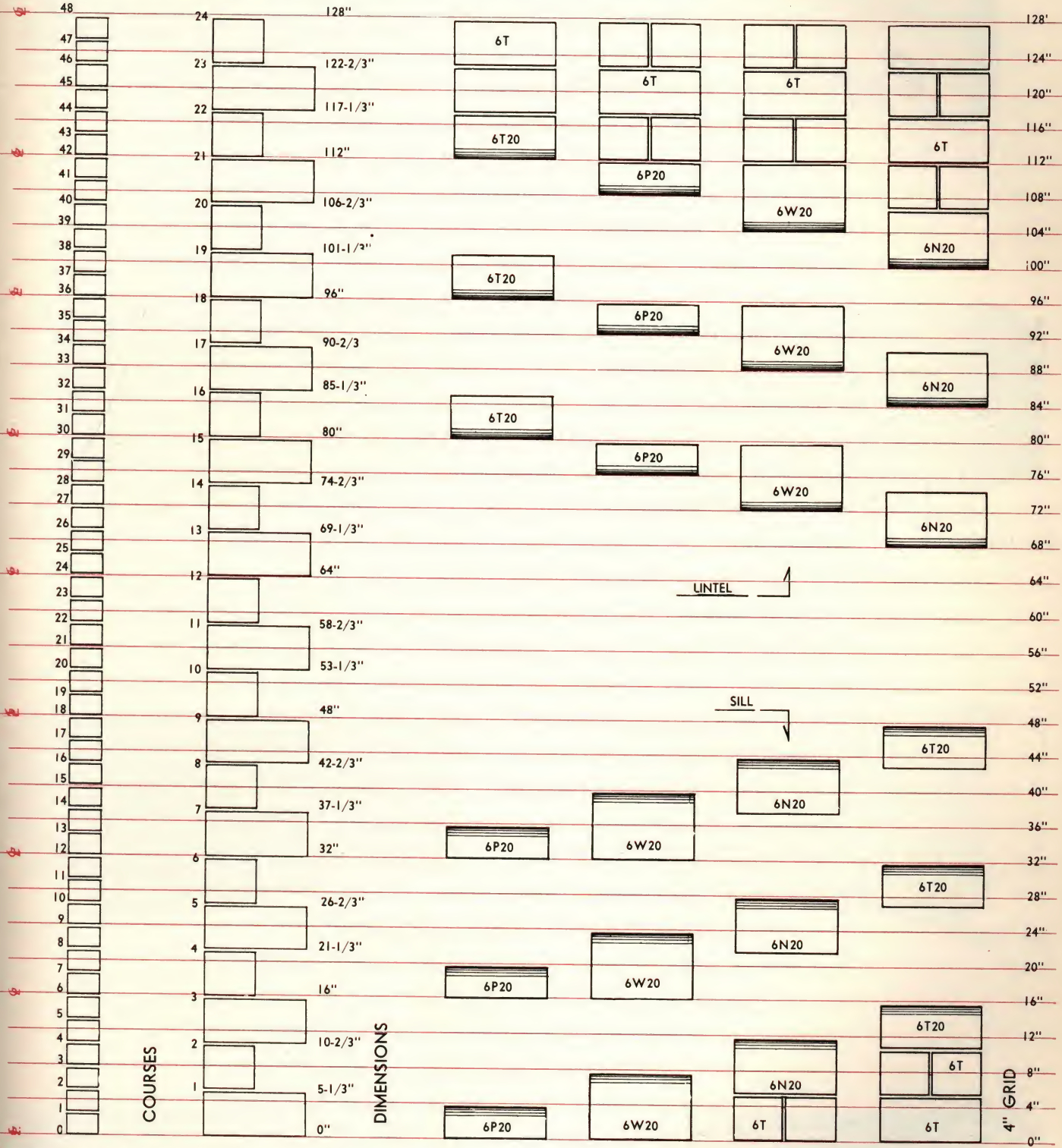
SILL AND LINTEL SCHEDULE

DESCRIPTION TYPE	LINTEL		SILL	
	Flush	Recess	Flush	Recess
Architectural Projected — Removable		2-13/16		1-7/16
Architectural Projected	GL		GL	1-7/16
Pivoted or Commercial	GL	2-13/16	GL	1-7/16
Double Hung	GL			1-7/16
Heavy Double Hung	GL			1-7/16
Wood	GL		GL	
Glass Block	GL		GL	

Flush Sill or Lintel is on grid line "GL." Sill Recess is 1-7/16 below grid — Lintel Recess is 2-13/16" above grid line.

1-7/16" = 1/3 of 4" Grid + 1/2 Mortar Joint
2-13/16" = 2/3 of 4" Grid + 1/2 Mortar Joint

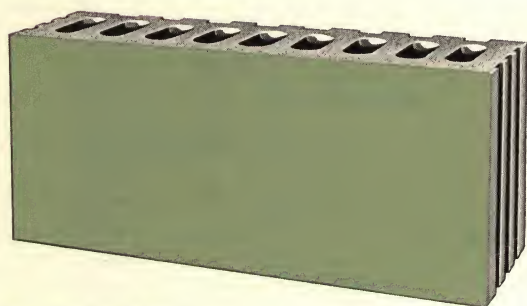
vertical coursing table | proper units for flush openings



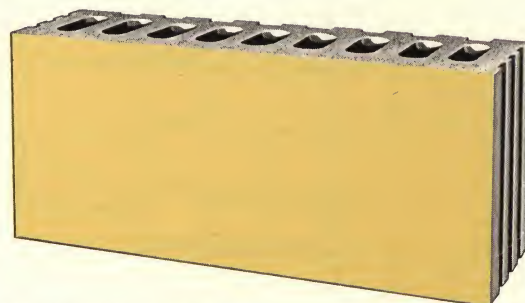
INDICATES MAJOR GRID LINES

STARK'S COLOR CHART

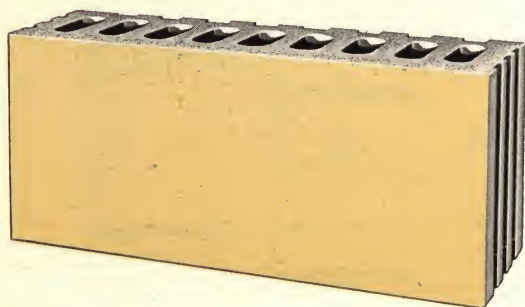
of
Engineered Colors



591 LIGHT GREEN



551 SUNLIGHT YELLOW



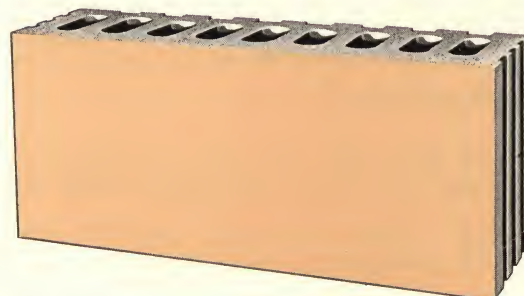
539 IVORY



580 BROWN



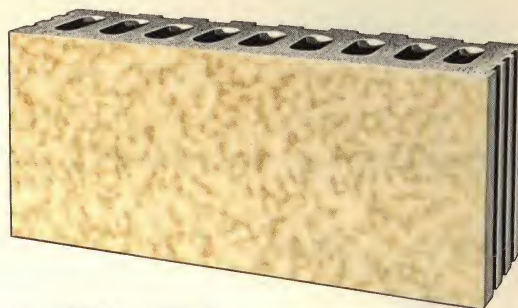
563 LIGHT GRAY



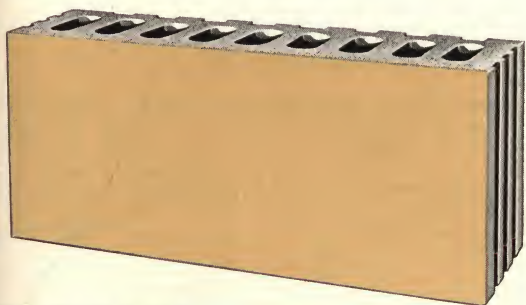
525 CORAL



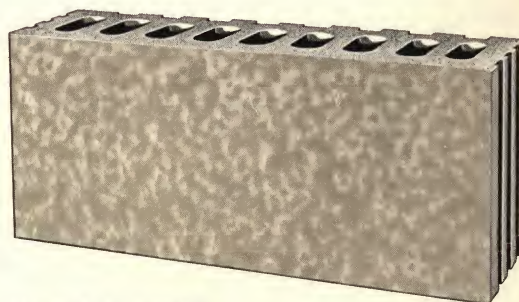
578 OCULAR GREEN



680 CREAM MOTTLE



904 CLEAR GLAZE



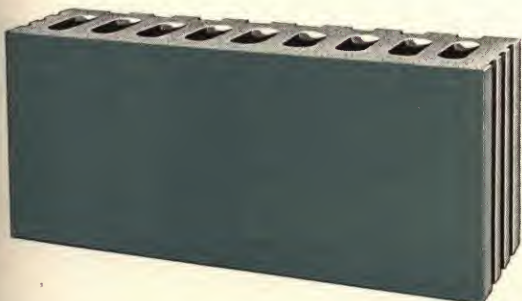
665 GRAY MOTTLE



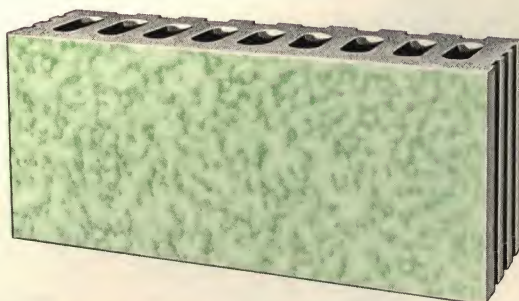
583 TAN



590 BLACK



573 BLUE



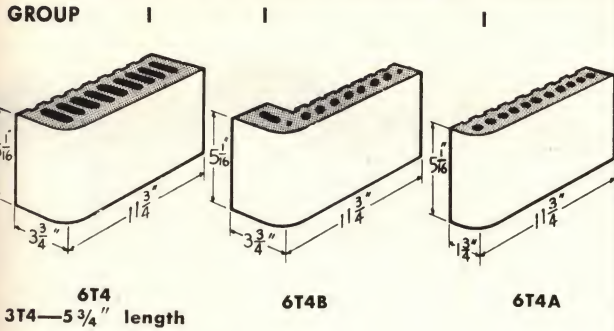
694 GREEN MOTTLE

STRETCHER.

STRETCHER.					
	4" BED OR REVEAL	2" BED OR REVEAL	6" BED OR REVEAL	8" BED OR REVEAL	
FIELD	<p>GROUP Stretcher</p> <p>Scored or unscored</p> <p>6T</p> <p>6Tgr (shown) Also Available 6S — 2 3/8" High</p>	<p>Soap</p> <p>6TA</p> <p>Also Available 6SA — 2 3/8" High</p>	<p>6" Stretcher</p> <p>Scored or unscored</p> <p>6TC60 6TC60su (shown) 6TC60qr</p>	<p>8" Stretcher</p> <p>6TC80 6TC80su (shown) 6TC80gr</p>	
	<p>Shipments may be facilitated by simply ordering stretchers (Example 6T) thereby permitting the manufacturer to ship either the scored or smooth back stretchers or a mixture. If job conditions require that the back be of a certain type, they may be obtained by ordering the following: sm — unselected glazed back; su — unselected, unscored, unglazed back; gr — scored or grooved back. Type and direction of SCORING and CORING are optional with the manufacturer. In general, the manufacturer standardizes on either the horizontal or vertical coring and does not supply both.</p>				
	<p>SAME AS BELOW BUT SQUARE INSTEAD OF BULLNOSE</p> <p>6T10 6T10A 6T160 6T180</p> <p>(With same coring as 6T20B.) 2D180—3 3/4" Long</p>				
BULLNOSE SILL, CAP, OR LINTEL	<p>GROUP II</p> <p>6T20</p>	<p>II</p> <p>6T20B</p>	<p>II</p> <p>6T20A</p>	<p>III</p> <p>6T260</p>	<p>III</p> <p>6T280</p>
BOX CAP MOLD	<p>Group III</p> <p>6S40M</p>	<p>II</p> <p>6S40</p>	<p>II</p> <p>6S40A</p>	<p>6T10*</p> <p>6S40A</p>	<p>6T10*</p> <p>6S40M</p> <p>* Means cut on job from a standard unit.</p>
COVE BASE	<p>Group III</p> <p>6T50</p>	<p>II</p> <p>6T50A</p> <p>6T50A units are generally used with stretchers.</p>	<p>Backup Tile</p> <p>6T50A</p>	<p>Backup Tile</p> <p>6T50</p>	
ROUND TOP COVE BASE	<p>GROUP IV</p> <p>6T520</p>	<p>III</p> <p>6T520A</p>	<p>6T10</p> <p>6T520A</p>	<p>6T10</p> <p>6T520</p>	

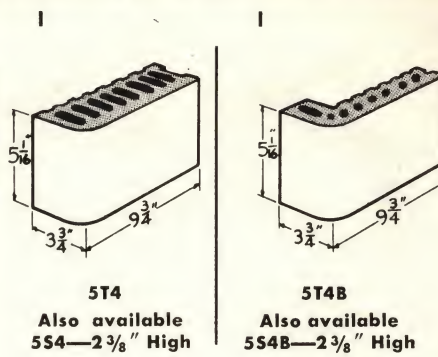
BULLNOSE JAMB OR STARTER

4" RETURN OR SOAP (4" RETURN) SOAP (2" RETURN)

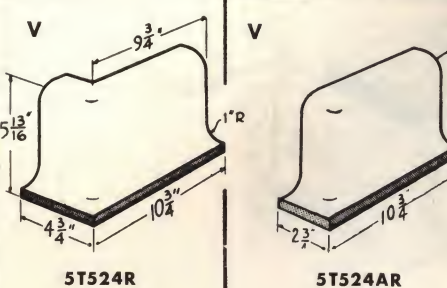
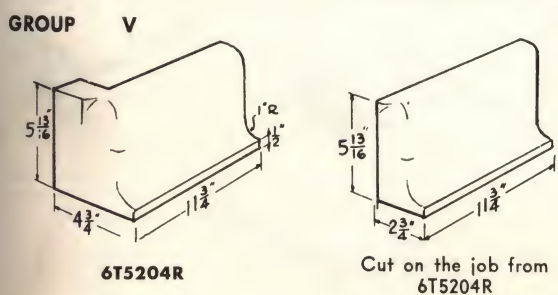
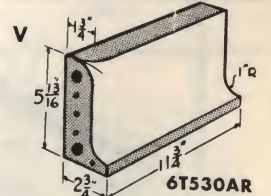
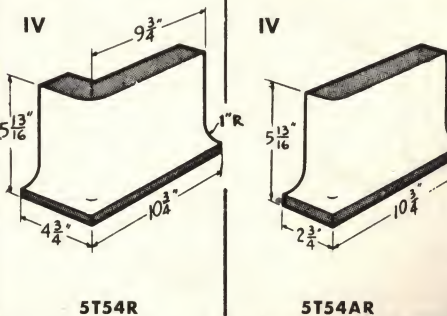
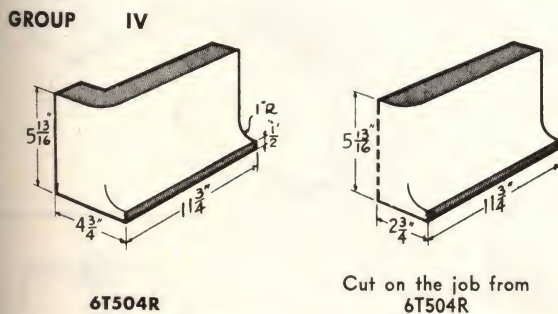
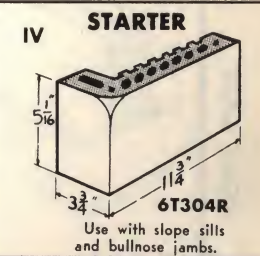
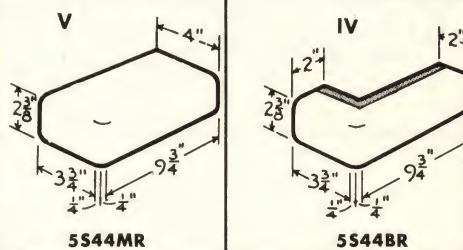
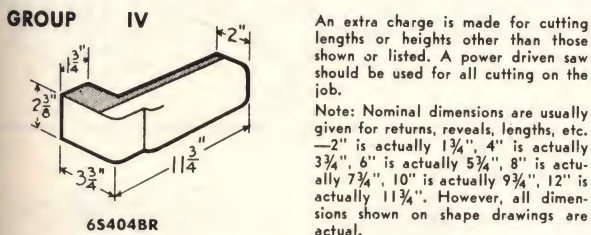
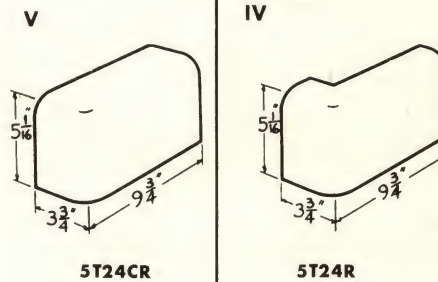
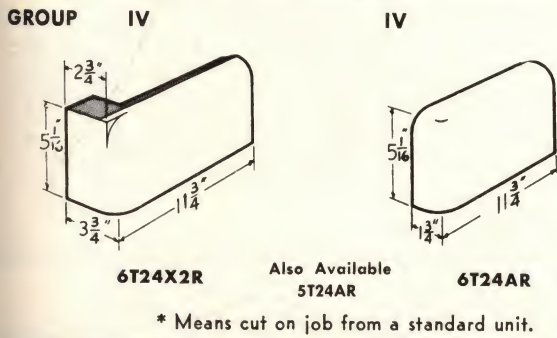
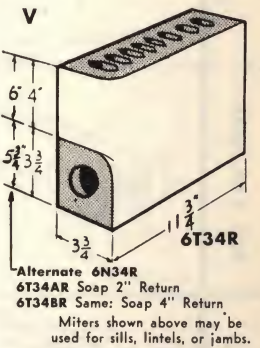
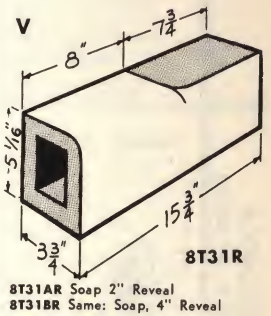
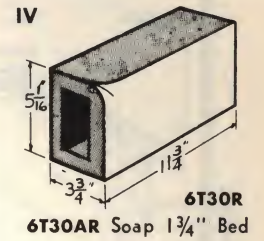


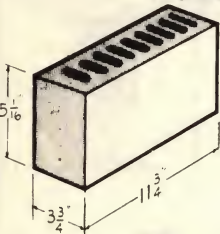
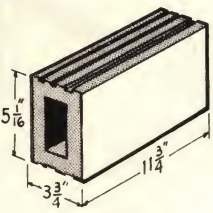
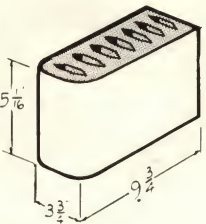
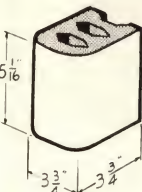
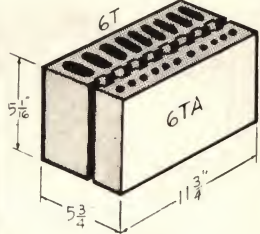
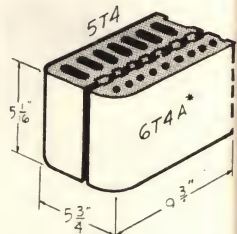
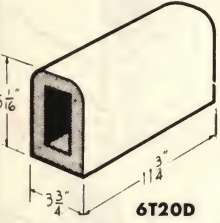
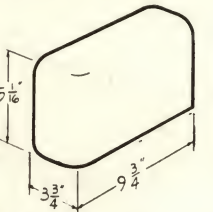
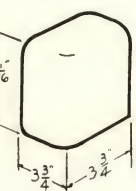
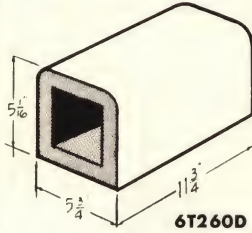
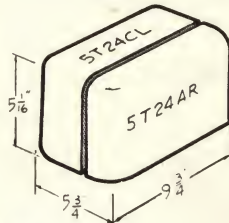
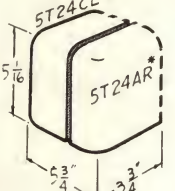
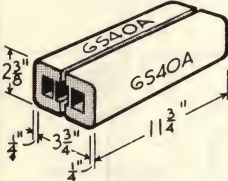
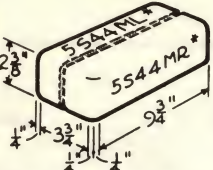
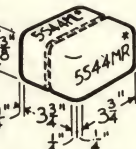
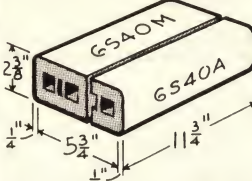
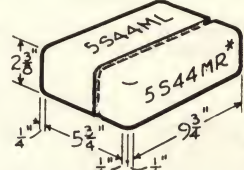
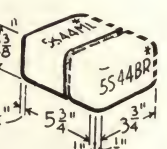
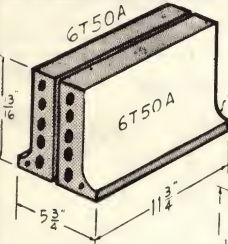
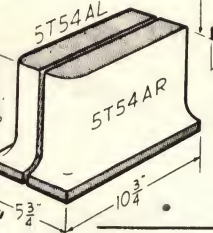

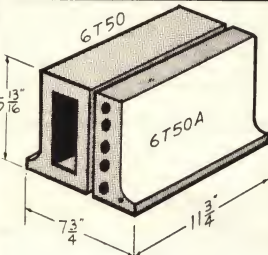
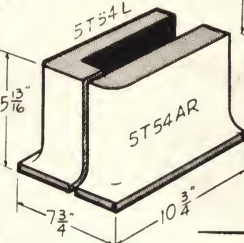
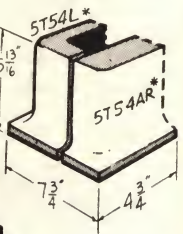
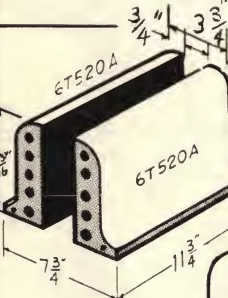
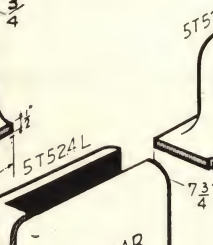

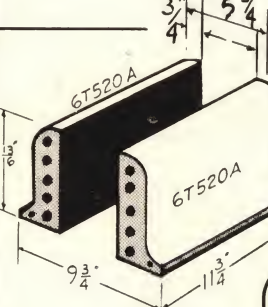
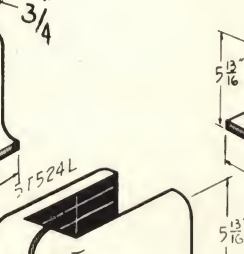
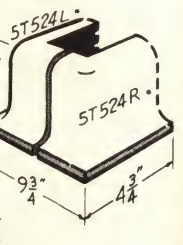

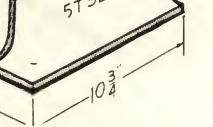


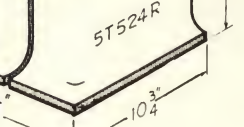

BULLNOSE CORNER

4" RETURN SOAP (4" RETURN)



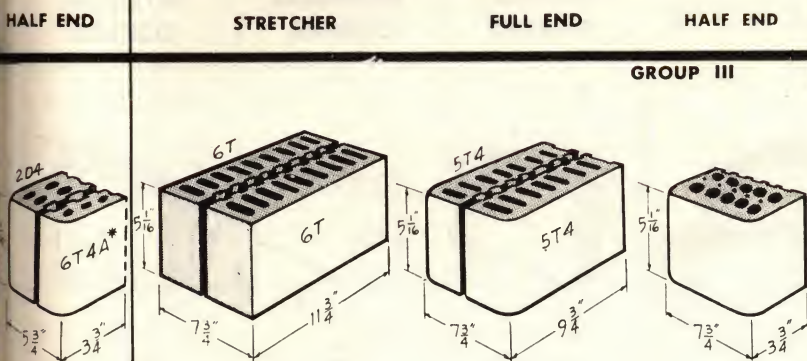
MITER



4" WALL-GLAZED BOTH SIDES					6" WALL-GLAZED BOTH SIDES	
	STRETCHER	STRETCHER	FULL END	HALF END	STRETCHER	FULL END
FIELD	GROUP Two faced Stretcher  6TD also available 6SD—2 3/8" high	 6TCD 6TCSM 6TCSU	III  5T5	III  2T5	 6TA	 5T4 6T4*
	Note: Two faced units furnished horizontal cored at option of manufacturer.				* Means cut on job from a standard unit	
BULLNOSE SILL, CAP, OR LINTEL	GROUP III  6T20D Same Square Edge 6T10D	VI  5T25	VI  2T25	IV  6T260D Same Square Edge 6T160D	 5T24CL 5T24AR	 5T24AR*
	 GS40A	 SS44MR*	 SS44MR*	 GS40A	 SS44MR*	 SS44MR*
COVE BASE	 6T50A	 5T54AL	 5T54AR*	 6T50 6T50A	 5T54L	 5T54AR*
	 6T520A	 5T524L	 5T524AR*	 6T520A	 5T524L	 5T524AR*
ROUND TOP COVE BASE	 6T520A	 5T524L	 5T524AR*	 6T520A	 5T524L	 5T524AR*

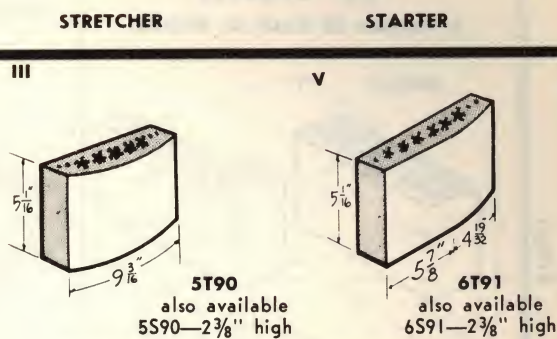
8" WALL-GLAZED BOTH SIDES

STANDARD RADIALS

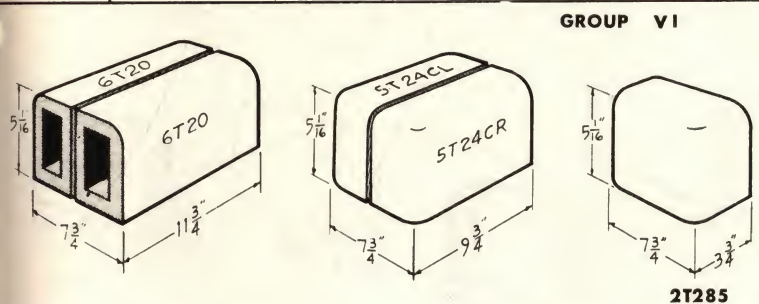


2T85

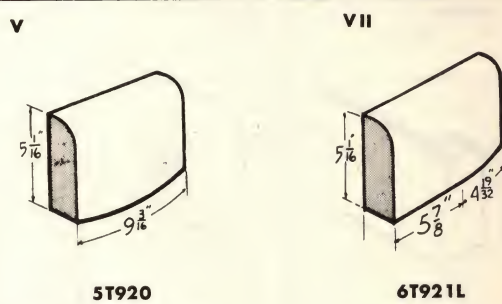
* Means cut on job from a standard unit.



Note: INTERNAL radial shapes are similar in numbering and dimensioning. In ordering by number simply prefix the letter, "I," to the corresponding external shape number. Internal radial shapes are manufactured for a radius of 48 inches, as standard.
(Example: I48-5T90.)

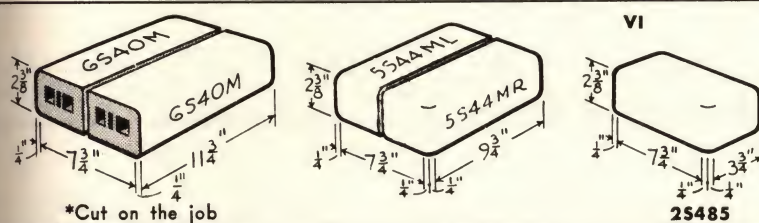


2T285



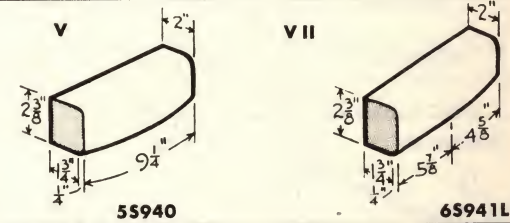
5T920

6T921L



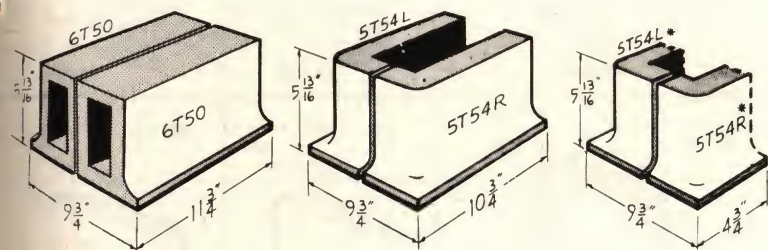
*Cut on the job

2S485



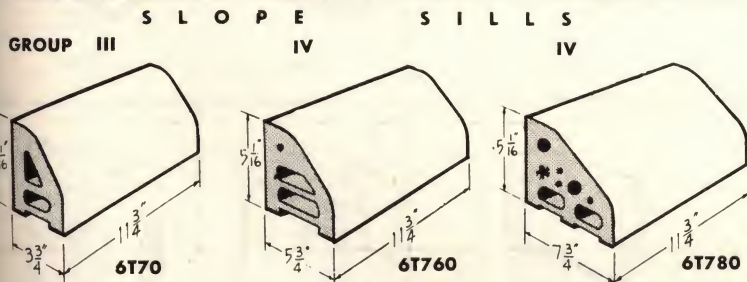
5S940

6S941L



5T950

6T951L

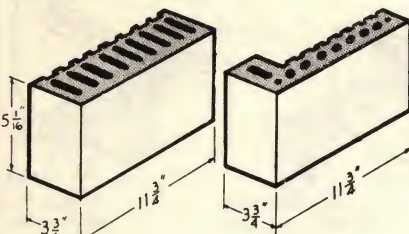
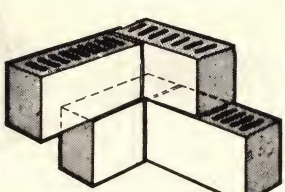
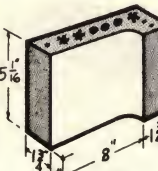
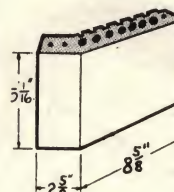
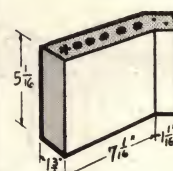
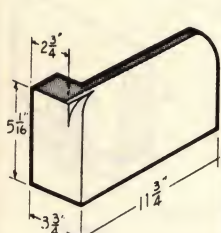
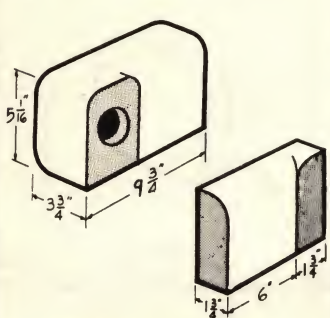
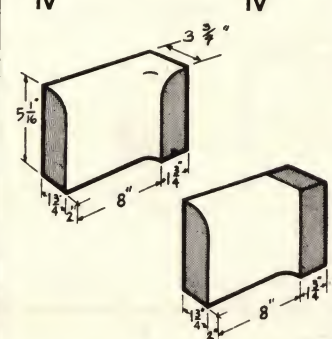
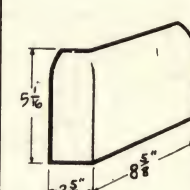
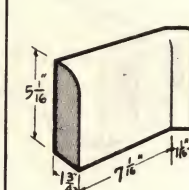
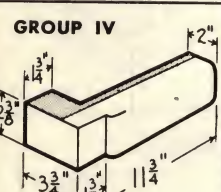
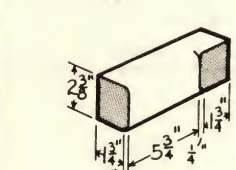
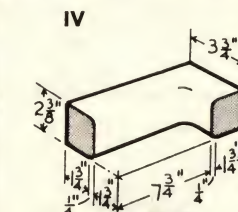
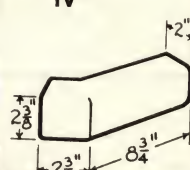
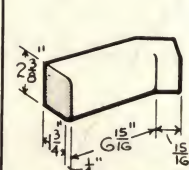
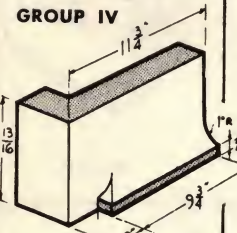
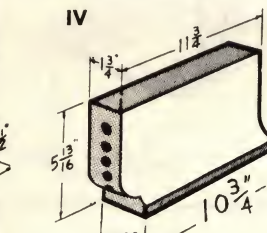
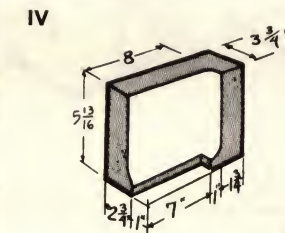
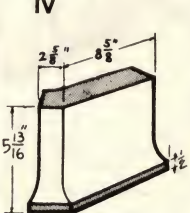
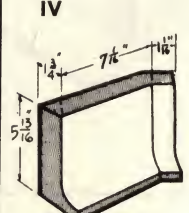
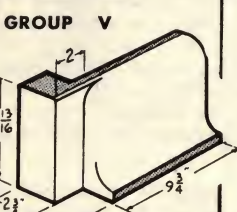
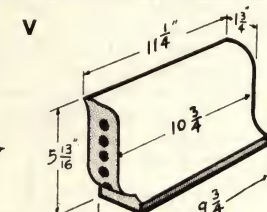
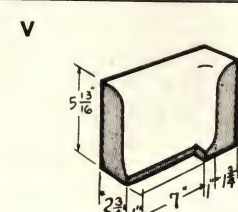
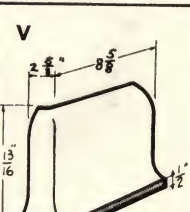
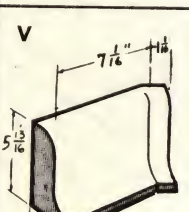


When used with bullnose jambs, use shade 6T304R/L as a starter.

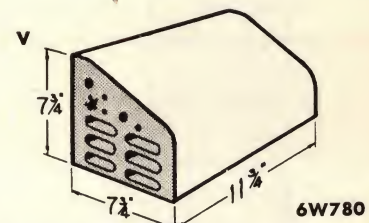
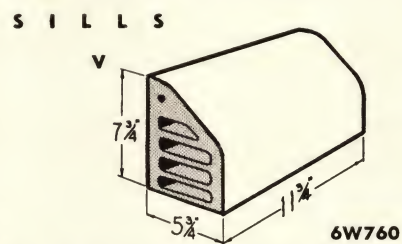
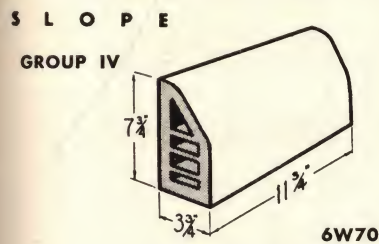
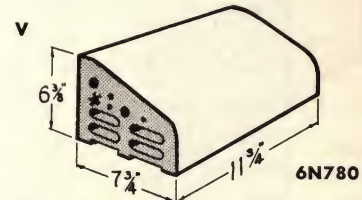
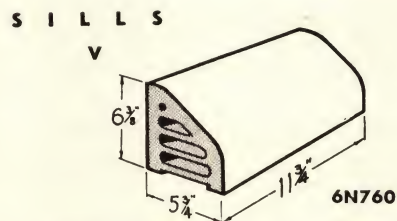
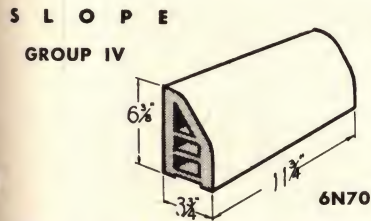
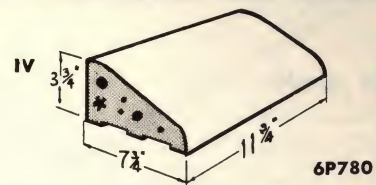
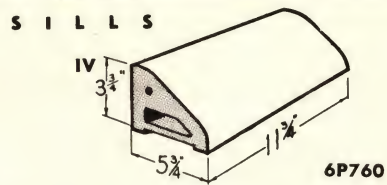
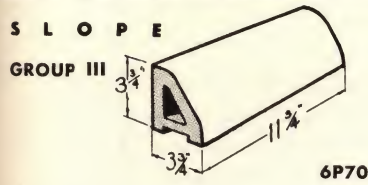
NOTE: Slope sills for other heights — See Page 19.

Note: EXTERNAL radial shapes shown are available for the following standard radii: 12" and 24". INTERNAL radial shapes are available for a 48" radius. In ordering, prefix radius in inches to shape number (EXAMPLE: 24-5T90 would be a field stretcher for a 24" external radius). It is suggested that where radial shapes are desired for radii other than standard, the radii be kept to increments of 6" from standard. (This preserves the standard arc length of 9-3/16".)

In non-standard radii, group III shapes will be group VI, group V shapes will be group X, and group VII shapes will be group XIV.

	QUOIN(Square) JAMB OR STARTER 4" RETURN OR SOAP (4" RETURN)		SQUARE INTERNAL CORNER	COVED INTERNAL CORNER	OCTAGONAL EXTERNAL CORNER	OCTAGONAL INTERNAL CORNER
FIELD	GROUP I			I	I	I
	 6T2 3T2—5 $\frac{3}{4}$ " length	6T2B	 Use regular stretchers or soaps for the field	 4T8 Also Available 4S8—2 $\frac{3}{8}$ " high	 5T6 Also available 5S6—2 $\frac{3}{8}$ " high	 4T9 Also Available 4S9—2 $\frac{3}{8}$ " high
BULLNOSE SILL, CAP OR LINTEL	GROUP IV	V	IV	IV	IV	IV
	 6T22X2R	 5T24X27R 3T27L	 4T28L 4T208L	 5T26R	 4T29L	
* Means cut on job from a standard unit.						
BOX CAP MOLD	GROUP IV	IV	IV	IV	IV	IV
	 6S402R	 3S47L	 4S48L	 5S46R	 4S49L	
COVE BASE	GROUP IV	IV	IV	IV	IV	IV
	 6T502R	 6T57R	 4T58L	 5T56R	 4T59L	
ROUND TOP COVE BASE	GROUP V	V	V	V	V	V
	 6T5202R	 6T527R	 4T528L	 5T526R	 4T529L	

SUPPLEMENTAL SILL OR LINTEL STRETCHERS



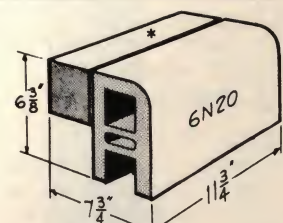
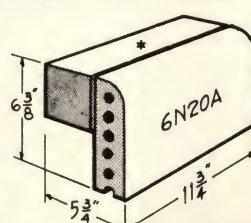
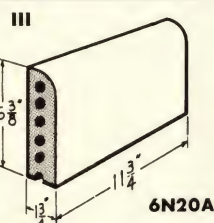
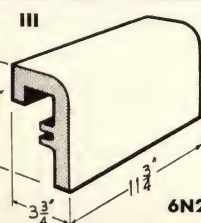
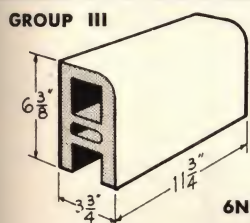
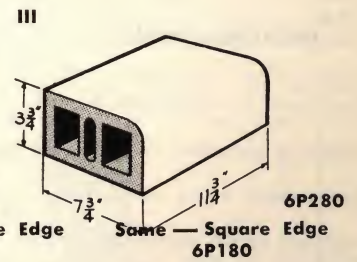
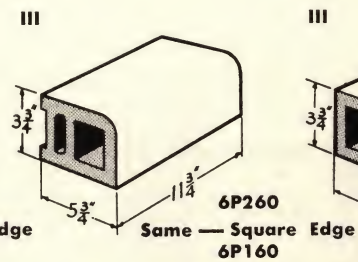
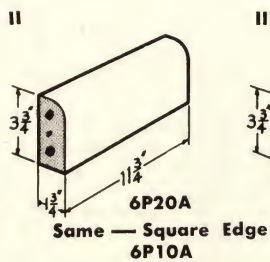
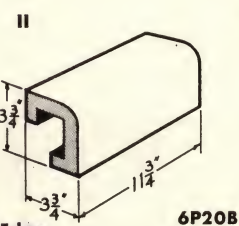
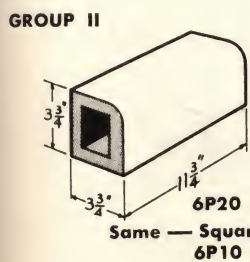
When used with bullnose jambs, use shape 6T304R/L as a starter **NOTE:** Slope sills also available for 5 1/8" high - See Page 17.

4" BED OR REVEAL

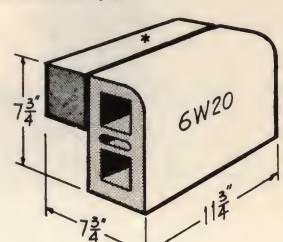
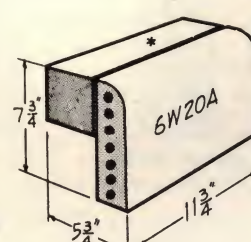
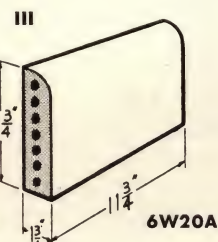
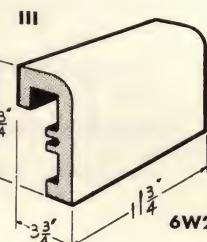
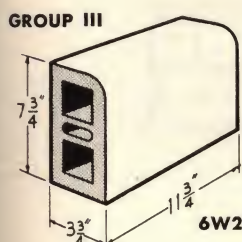
2" BED OR REVEAL

6" BED OR REVEAL

8" BED OR REVEAL

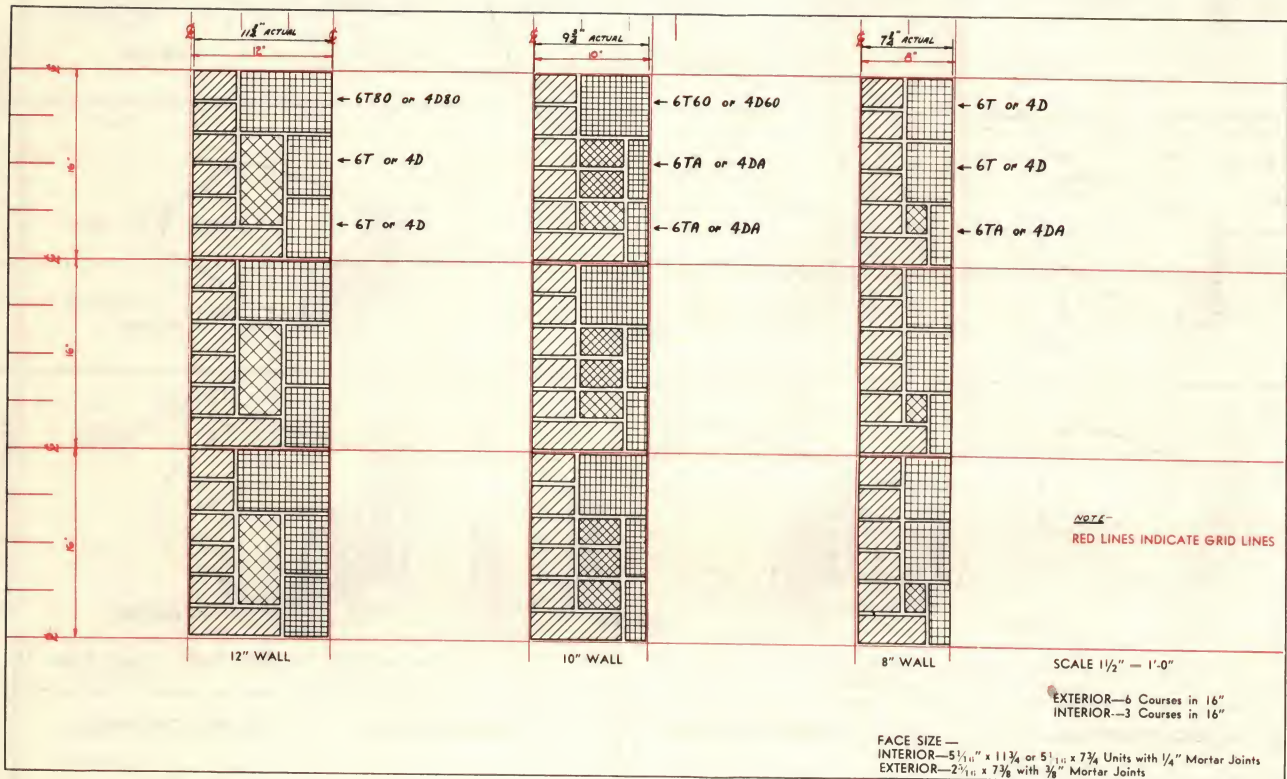


* Means cut on job

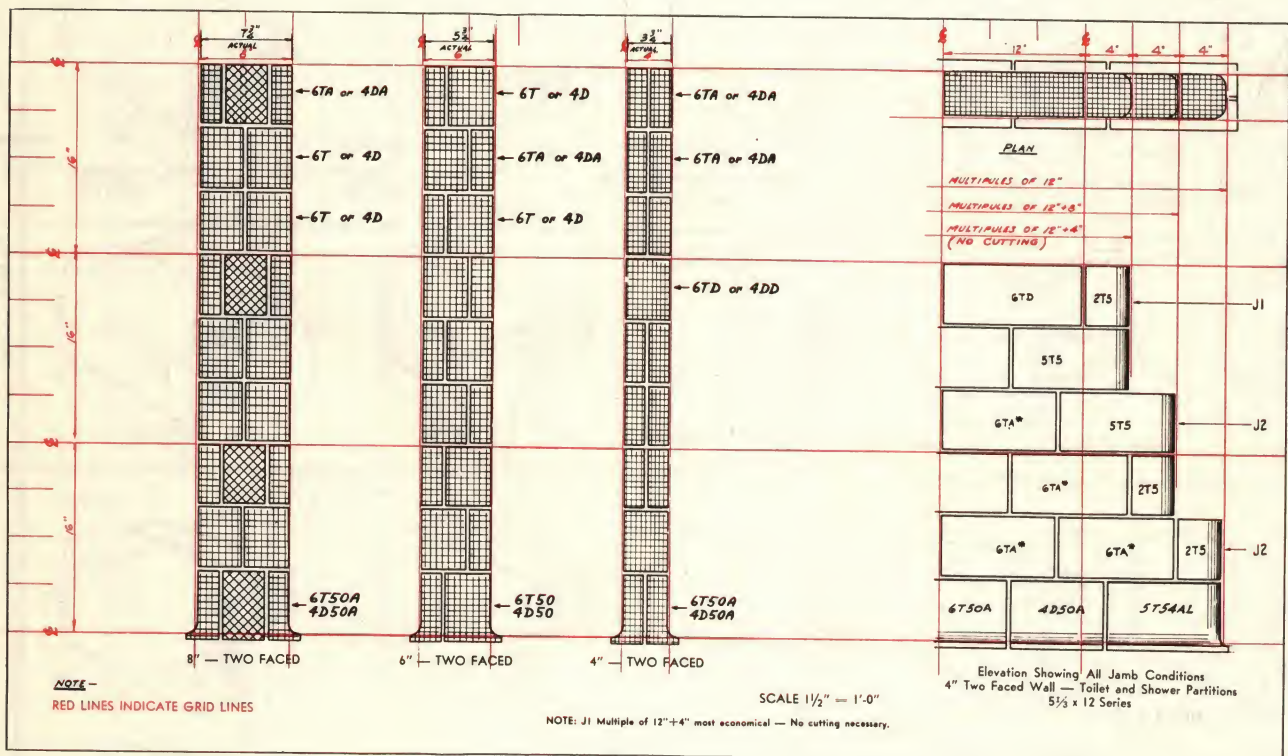


structural bonding facing tile and load bearing walls

exterior walls



interior walls



specifications - structural facing tile ceramic color glaze, 904 clear glaze select quality

1. DESCRIPTION:—The body of all units shall be of clear burning, de-aired fire clay burned as straight and true as careful manufacture can produce. The finished faces of all units that will be exposed when in place shall be covered with a (ceramic colored glaze) (tinted clear glaze), compounded of metallic oxides, chemicals and clays thoroughly ground together and sprayed upon a previously formed body. The units shall then be burned at high temperatures, fusing the glaze to the body, making them inseparable.

2. FINISH, COLOR and TEXTURE:—(a) The glaze shall be free from chips, crazes, blisters, crawling or other imperfections materially detracting from the general appearance of the finished wall when viewed at a distance of 5 feet away from the wall. The texture and the color of the finished surface shall conform to an approved sample consisting of three stretcher units fully representing the range of shade and texture.

(b) The field units where ceramic glaze is called for upon the finish schedule, shall be select quality ceramic glaze similar to Stark Ceramics, Inc. shade. (Give shade number desired.)

(c) The field units, where clear glaze is called for upon the finish schedule, shall be select quality clear glaze similar to Stark Ceramics, Inc. Shade 904.

3. SIZES:—(a) Units shall be 4D series in nominal face size of $5\frac{1}{3}$ " x 8" ($5\frac{1}{6}$ " x $7\frac{3}{4}$ " actual) and in $1\frac{3}{4}$ " or $3\frac{3}{4}$ " bed depth, as shown on the plans. Stretchers shall be laid 3 units to 16" vertical and 6 units to 48" horizontal.

(b) Units shall be 6T series in nominal face size of $5\frac{1}{3}$ " x 12" ($5\frac{1}{6}$ " x $11\frac{3}{4}$ " actual) and in $1\frac{3}{4}$ " or $3\frac{3}{4}$ " bed depth, as shown on the plans. Stretchers shall be laid 3 units to 16" vertical and 4 units to 48" horizontal.

(c) Header or bonding courses of $5\frac{3}{4}$ " or $7\frac{3}{4}$ " bed depth shall be furnished where detailed or shown upon the plans.

(d) Two faced walls or partitions shall be built of two single faced units properly bonded. (Four inch two faced walls shall be built using units finished on both sides.)

4. SHAPES:—(a) In general all external corners, sills, jambs and lintels shall be bullnosed. They shall be finished in the proper size to fit the details of the plans. Where a shape is required not regularly manufactured, they shall be cut on the job using a masonry saw.

(b) Where called for by the plans a (cove) (stretcher) (soldier) base in shade (give shade desired) shall be installed with all required starters and corners.

(c) Where called for by the plans a (box cap) (a bullnose cap) course shall be installed in shade (give shade desired) with all required starters and corners.

(d) All shapes called for by this paragraph shall conform in dimensions to those shown in the latest edition of the shape catalog of Stark Ceramics, Inc.

5. TOLERANCES IN FACE DIMENSIONS:—(a) Permissible variations in Face Dimensions shall be a maximum of $\frac{1}{8}$ " greater than the standard dimensions of $\frac{1}{8}$ ", $\frac{5}{32}$ " and $\frac{3}{32}$ " less than the standard dimensions of $5\frac{1}{6}$ ", $7\frac{3}{4}$ " and $11\frac{3}{4}$ " respectively.

(b) Permissible variations in bed depth dimensions shall be a maximum of $\frac{1}{8}$ " greater than the standard dimensions of $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ " and $\frac{5}{16}$ " less than the standard dimensions of $1\frac{3}{4}$ ", $3\frac{3}{4}$ ", $5\frac{3}{4}$ ", $7\frac{3}{4}$ " one faced units respectively, and a maximum of $\frac{1}{8}$ " greater or less than the $3\frac{3}{4}$ " standard two faced dimensions.

6. GROUND EDGE OR GAGED UNITS:—Permissible variations in face dimensions shall be a maximum of $\frac{1}{8}$ " greater than the standard dimensions and $\frac{1}{8}$ " less than the standard dimensions of 5", $7\frac{3}{4}$ ", $11\frac{1}{4}$ " and $15\frac{3}{4}$ " respectively, with a maximum of $\frac{3}{32}$ " between the largest and smallest in any one lot. Size of lot shall be determined by agreement between the purchaser and seller.

7. DISTORTION:—Permissible distortion of the plane and edges of the face of individual units from a plane surface and from a straight line respectively shall not exceed $\frac{1}{8}$ " in the 4D series and $\frac{3}{32}$ " in the 6T series.

8. CORING:—(a) All units shall have shells not less than $\frac{3}{4}$ " in thickness and shall be vertically cored with a net sectional area of not less than 70% of the gross sectional area except—

(b) Bonding units, shapes and four inch two face units may be either vertically or horizontally cored with a net sectional area of 60% of the gross sectional area.

(c) Gross area of units shall be determined to the outside of the scoring but material removed by scoring shall not be considered in computing that removed by coring.

9. TESTS OF FINISH:—All units shall pass the standard tests of the Facing Tile Institute or the American Society of Testing Materials for imperviousness, opacity, chemical resistance of finish and resistance to crazing (Autoclave Test).

Compressive strength of vertical cored units shall be a minimum average of 5 units of 3,000 lbs. per square inch or a minimum for one unit of 2500 lbs. per square inch.

10. PACKAGING:—All units shall be packed and shipped in cartons with separators. Fittings shall be packed in boxes with quantity and shape numbers marked on outside of each package.

11. PROTECTION:—The contractor shall so store, handle and protect units both before and during installation so as to protect them from moisture or damage. Work in progress shall be protected from moisture getting into the wall.

12. CLEANING:—Mortar shall be removed with burlap or cloths as the work progresses. Upon completion of work, all surfaces of glazed wall units shall be cleaned down with soap powder in warm clean water and applied with stiff fibre brushes and then rinsed with clean water. Hard lumps of mortar may be removed by using sharpened wood paddles. Metal cleaning tools or brushes or acid solutions shall not be used.

FOOTNOTE—The paragraphs of this specification have been made to conform to the Specifications & Grading Rules of the Facing Tile Institute where applicable to Stark Products.

(See page 4 for shades available).

See pages 12 and 13 for Color Chart.

904 clear glaze standard quality

1. DESCRIPTION: — The body of all units shall be of clear burning, de-aired fire clay burned as straight and true as careful manufacture can produce. The finished faces of all units that will be exposed when in place shall be covered with a tinted clear glaze, compounded of metallic oxides, chemicals and clays thoroughly ground together and sprayed upon a previously formed body. The units shall then be burned at high temperatures, fusing the glaze to the body, making them inseparable.

2. FINISH, COLOR and TEXTURE: — (a) The glaze shall be free from chips, crazes, blisters, crawling or other imperfections detracting from the appearance of the finished wall when view at a distance of 5 feet, except that not more than 20 per cent of the units may have slight mechanical or glaze imperfections and small chips. The texture and the color of the finished surface shall conform to an approved sample consisting of three stretcher units fully representing the range of shade and texture.

(b) The field units shall be standard quality tinted clear glaze similar to Stark Ceramics, Inc. Shade 904.

3. SIZES: — (a) Units shall be 4D series in nominal sizes of $5\frac{1}{3}'' \times 8''$ ($5\frac{1}{8}'' \times 7\frac{3}{4}''$ actual) and in $1\frac{3}{4}''$ or $3\frac{3}{4}''$ bed depth, as shown on the plans. Stretchers shall be laid 3 units to 16'' vertical and 6 units to 48'' horizontal.

(b) Units shall be 6T series in nominal face size of $5\frac{1}{3}'' \times 12''$ ($5\frac{1}{8}'' \times 11\frac{3}{4}''$ actual) and in $1\frac{3}{4}''$ or $3\frac{3}{4}''$ bed depth, as shown on the plans. Stretchers shall be laid 3 units to 16'' vertical and 4 units to 48'' horizontal.

(c) Header or bonding courses of $5\frac{3}{4}''$ or $7\frac{3}{4}''$ bed depth shall be furnished where detailed or shown upon the plans.

(d) Two faced walls or partitions shall be built of two single faced units properly bonded. (Four inch two faced walls shall be built using units finished on both sides.)

4. SHAPES: — (a) In general all external corners, sills, jambs and lintels shall be bullnosed. They shall be finished in the proper size to fit the details of the plans. Where a shape is required not regularly manufactured, they shall be cut on the job using a masonry saw.

(b) Where called for by the plans a (cove) (stretcher) (soldier) base in shade (give shade number desired) shall be installed with all required starters and corners.

(c) Where called for by the plans (a box cap) (a bullnose cap) course in shade (give shade number desired) shall be installed with all required starters and corners.

(d) All shapes called for by this paragraph shall conform in dimensions to those shown in the latest edition of the shape catalog of Stark Ceramics, Inc.

5. TOLERANCES IN FACE DIMENSIONS: — (a) Permissible variations in Face Dimensions shall be a maximum of $\frac{3}{32}''$ greater than the standard dimensions and $\frac{3}{32}''$, $\frac{3}{16}''$ and $\frac{1}{4}''$ less than the standard dimensions of $5\frac{1}{8}''$, $7\frac{3}{4}''$ and $11\frac{3}{4}''$ respectively.

(b) Permissible variations in bed depth dimensions shall be a maximum of $\frac{1}{8}''$ greater than the standard dimensions of $\frac{1}{8}''$, $\frac{3}{16}''$, $\frac{1}{4}''$ and $\frac{3}{8}''$ less than the standard dimensions of $1\frac{3}{4}''$, $3\frac{3}{4}''$, $5\frac{3}{4}''$, $7\frac{3}{4}''$ one faced units respectively, and a maximum of $\frac{1}{8}''$ greater or less than the $3\frac{3}{4}''$ standard two faced dimensions.

6. DISTORTION: — Permissible distortion of the plane and edges of the face of individual units from a plane surface and from a straight line respectively shall not exceed $\frac{1}{16}''$ in the 4D series and $\frac{3}{32}''$ in the 6T series.

7 CORING: — (a) All units shall have shells not less than $\frac{3}{4}''$ in thickness and shall be vertically cored with a net sectional area of not less than 70% of the gross sectional area except—

(b) Bonding units, shapes and four inch two face units may be either vertically or horizontally cored with a net sectional area of 60% of the gross sectional area.

(c) Gross area of units shall be determined to the outside of the scoring but material removed by scoring shall not be considered in computing that removed by coring.

8. TESTS OF FINISH: — All units shall pass the standard tests of the Facing Tile Institute of the American Society of Testing Materials for imperviousness, opacity, chemical resistance of finish and resistance to crazing (Autoclave Test).

Compressive strength of vertical cored units shall be a minimum average of 5 units of 3,000 lbs. per square inch or a minimum for one unit of 2500 lbs. per square inch.

9. PACKAGING: — All units shall be packed and shipped in cartons with separators. Fittings shall be packed in boxes with quantity and shape numbers marked on outside of each package.

10. PROTECTION: — The contractor shall so store, handle and protect units both before and during installation so as to protect them from moisture or damage. Work in progress shall be protected from moisture getting into the wall.

11. CLEANING: — Mortar shall be removed with burlap or cloths as the work progresses. Upon completion of work, all surfaces of glazed wall units shall be cleaned down with soap powder in warm clean water and applied with stiff fibre brushes and then rinsed with clean water. Hard lumps of mortar may be removed by using sharpened wood paddles. Metal cleaning tools or brushes or acid solutions shall not be used.

FOOTNOTE — The paragraphs of this specification have been made to conform to the Specifications & Grading Rules of the Facing Tile Institute where applicable to Stark Products.

(See page 4 for shades available).

See pages 12 and 13 for Color Chart.

distributors

ALABAMA

Stephenson, Lovick L., Jr., 4250 1st Ave., South..Birmingham 1

DISTRICT OF COLUMBIA

Mount Vernon Clay Products Co.,
800 Hamlin St. N. E.....Washington 17

FLORIDA

H. H. Peterson, Box 5295.....Jacksonville 7

GEORGIA

Thrower, Robert K., 1990 College Ave. N. E.....Atlanta

INDIANA

Oda, Luther L., P. O. Box #17.....Bluffton

ILLINOIS

Peoria Brick & Tile Company, P. O. Box #515.....Peoria
Rauch Clay Sales Corp., 3037 S. Christiana Ave.....Chicago 23

IOWA

Des Moines Brick and Supply Co., 412 Hubbell Bldg. Des Moines 9
Sioux City Brick & Tile Co., 207-212 Benson Bldg. Sioux City 5
United Brick and Tile Co., 415 Hubbell Bldg. Des Moines 9

KANSAS

Hargreaves & Company, 1820 Topeka Ave.....Topeka

KENTUCKY

Campbell, C. A., Brick & Tile Sales,
6707 South Third St.....Louisville 8

MARYLAND

Monumental Brick & Supply Co., The,
4801 Garrison Blvd.....Baltimore 15
Pen-Mar Brick & Supply Co., P. O. Box 843.....Cumberland

MASSACHUSETTS

Clay Products, Inc., 376 Worthington St.....Springfield 3
Parry Sales Company, 8 Newbury St.....Boston 16

MICHIGAN

Belden-Stark Brick Co., The, 14305 Livernois Ave.....Detroit 38
Lincoln Brick Co., 1420 Lake Drive S. E.....Grand Rapids 6

MINNESOTA

Standard Salt & Cement Company,
243 South Lake Ave. (Box 159).....Duluth
Twin City Brick Co., 1407 Marshall Ave.....St. Paul 4
Twin City Brick Co., 2824 Aldrich Ave. S.....Minneapolis 8

MISSOURI

Alton Brick Company, 3832 West Pine Blvd.....St. Louis
Carter-Waters Corp., The, 2440 Pennway.....Kansas City

NEBRASKA

Yankee Hill Brick Manufacturing Co., The.....Lincoln

NEW YORK

A. M. Cobbe Brick & Tile Co., 797 Foot Ave.....Jamestown
Belden-Stark Brick Corp., The, 15 East 26th St.....New York 10
Black Company, John H., 505 Delaware Ave.....Buffalo 2
Mohawk Building Materials Corp.....Rensselaer, N. Y.
Weckesser Brick Co., Exchange at Clarissa St.....Rochester 8
Woodworth, C. T., 518 West Colvin St.....Syracuse 5

NORTH CAROLINA

Isenhour Brick & Tile Co., P. O. Box 1249.....Salisbury

OHIO

Blosser, H. M.Dalton
Botzum Brothers Co., The, 100 North High St.....Akron 8
Cincinnati Builders Supply Company, The,
35-41 East Seventh St.....Cincinnati 2
Dayton Builders Supply Company, The,
800 East First St.....Dayton 2
Ironclay Brick Co., The, 402 E. Second Ave.....Columbus 3
Keagler Brick Company, The,
P. O. Box #9 (1000 Stanton Blvd.).....Steubenville
Kelly Coal & Supply Co., 1119 S. Metcalf Ave.....Lima
Kemper Brick Company, The, 528 Lincoln Bldg.....Cleveland 14
Koppes, M. H.Seville
Kuhlman Builders Supply & Brick Company, The,
914 Summit St.....Toledo 4
Richland Shale Brick Company, The.....Mansfield
Youngstown Ice Co., 1505 Logan Ave.....Youngstown 4

PENNSYLVANIA

Cobbe Brick & Tile Co., A. M., 1115 Peach St.Erie
Glominger & Company, 1815 Washington Rd.Pittsburgh 34
Reid Brick Company, Inc.,
P. O. Box 6752, N. Philadelphia P. O.Philadelphia 32
Savercool Clay Sales, R. C., 201 Market St.Millerstown

RHODE ISLAND

Monroe & Son, P. L., 50 Sprague St.Providence

SOUTH CAROLINA

Ross Bldrs. Supply Co., 227 Pendleton St.Greenville
Van Smith Bldg. Mat'l Co., 276 E. Bay St.Charleston

TENNESSEE

Chandler & Company, 428 West Depot Ave.Knoxville
Crump Lime & Cement Company, The,
Lamar and Willetts Sts.Memphis 4
Turner Clay Products Co., 207 James Bldg.Chattanooga

TEXAS

Acme Brick Company, 2821 West 7th St.,
P. O. Box 425.....Fort Worth 2

VIRGINIA

Bagley, John J., 112 East Cary St.Richmond
Roanoke-Webster Brick Co., Inc., P. O. Box 780.....Roanoke

WEST VIRGINIA

Adams, A. B., P. O. Box #216
(1214 Seventh St.)Moundsville
West Virginia Brick Co., 442 Virginia St.Charleston 24

WISCONSIN

Gagnon Clay Products Co., The,
526 South Broadway.....Green Bay
Wisconsin Face Brick & Supply Corp., The,
4485 N. Green Bay Ave.....Milwaukee

WYOMING

Powers Builders' Supply, 1003 East Lincoln Way...Cheyenne

CANADA

Alsip Brick, Tile & Lumber Co., Ltd.,
508 Portage Ave.....Winnipeg, Manitoba
Drummond & Reeves, Ltd., 355 Dufferin St.Toronto, Ontario
Alfred Giroux and Fils, Inc.,
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